

15-57-1-504

An Experimental Study in the Differential Mobility (Cont.)

relative to the test solutions. Quartz sandstones and mudstones with extremely small pores, pore radii of $2.0 \cdot 10^{-6}$, have a greater degree of semipermeability. An increase in the semipermeability is observed with decrease in the radius of the pores. The degree of semipermeability for concentrations of 0.01 mole is higher than for the stronger, 0.1 molar concentration, for all the tested solutions. Similar results were obtained in seepage tests on the solutions. Rocks with an average pore radius of $1.0 \cdot 10^{-4}$ to $1.0 \cdot 10^{-5}$ hardly change the concentration of the seeping solutions. In quartz sandstones with a pore radius of $2.0 \cdot 10^{-6}$, the amount of lowering in the concentration of Zn^{2+} and Pb^{2+} in the filtrate is increased 50 percent with a 0.01 molar solution.

Card 2/2

Z. P. Ye.

KOMKOV, A.I.; ~~BELOPOL'SKIY~~, M.P.; CHERNORUK, S.G.; KOLPAKOV, D.A.

Hydrothermal synthesis and X-ray study of $TRNbTiO_6$ type compounds.
Dokl. AN SSSR 147 no.3:687-688 N '62, (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.
Predstavleno akademikom N.V. Belovym.
(Rare earth titanium oxide) (X-ray crystallography)
(Niobium compounds)

KOMKOV, A.I.; BELOPOL'SKIY, M.P.; CHERNORUK, S.G.; KOLPAKOV, D.A.

Artificial priority. Zap. Vses.min.ob-va 93 no. 2:205-207
'64. (MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii
institut (VSEGEI).

CHERNORUKOV, N.G.; PETROV, A.M.

Chromatographic concentration of strontium from dilute solutions on
ion exchangers of Soviet manufacture. Trudy po khim. i khim. tekhn. no. 1:
114-117 '63. (MIRA 17:12)

ZHEGALIN, I.K.; PUSTYGIN, A.A., glav. agronom; SPODENYUK, N.I.;
 BYKOV, N.I.; REDIN, P.N., glav. agronom; LOGVIN, N.P., Geroy So-
 tsialisticheskogo Truda; GUSEV, I.D.; PETROV, S.N.; VLASOV, A.N.,
 glav. zootekhnik; SHEREMET, L.D., glav. bukhgalter; SKAKUNOV, N.V.,
 glav. inzh.; SHUMILIN, V.S., glav. inzh.; CHERNORUBASHKIN, N.A.,
 kombayner; DRYABO, N.Ye.; ZABNEV, V.F., redaktor; SHIROKOV, B.G.;
 SHEPELEV, M.A.; LEONOVA, T.S.; SAYTANIDI, L.D., tekhn. red.

[Hundred million poods of grain from Stalingrad Province] 100 mil-
 lionov pudov stalingradskogo khleba. Moskva, Izd-vo M-va sel'.khoz.
 RSFSR, 1960. 133 p. (MIRA 14:9)

1. Pervyy sekretar' Stalingradskogo oblastnogo komiteta Kommunistiche-
 skoy partii Sovetskogo Soyuza (for Zhegalin). 2. Oblastnoye upravleniye
 sel'skogo khozyaystva Stalingradskoy oblasti (for Pustygin). 3. Ne-
 khayevskiy rayonnyy komitet Kommunisticheskoy partii Sovetskogo Soyuza
 (for Spodenyuk). 4. Nachal'nik Kotel'nikovskoy rayonnoy sel'skokho-
 zyaystvennoy inspektsii, Krayniy Yugo-vostok (for Bykov). 5. Kolkhoz
 "Deminskiy" Novo-Annenskogo rayona, Stalingradskoy oblasti (for Redin).
 6. Predsedatel' kolkhoza "Zavety Il'icha" Kalininskogo rayona (for Log-
 vin). 7. Nachal'nik Novo-Annenskoy rayonnoy sel'skokhozyaystvennoy in-
 spektsii (for Gusev). 8. Direktor sovkhoza imeni Frunze Serafimovich-
 skogo rayona Stalingradskoy oblasti (for Petrov). 9. Stalingradskoye
 oblastnoye upravleniye sel'skogo khozyaystva (for Vlasov). 10. Sovkhoz
 "Dinamo" Nekhayevskogo rayona Stalingradskoy oblasti (for Sheremet).
 (Continued on next card)

ZHEGALIN, I.K.— (continued) Card 2.

11. Oblastnoye upravleniye sel'skogo khozyaystva Stalingradskoy oblasti (for Skakunov). 12. Sovkhoz "Verkhne-Buzinovskiy" Stalingradskoy oblasti (for Shumilin). 13. Otdeleniye No.6 sovkhoza "Serebryakovskiy" Mikhaylovskogo rayona Stalingradskoy oblasti (for Chernorubashkin). 14. Zven'yevoy kolkhoza imeni Lenina Zhirnovskogo rayona Stalingradskoy oblasti (for Dryabo). 15. Danilovskaya rayonnaya gazeta "Kolkhoznoye znanya" Stalingradskoy oblasti (for Zabnev). 16. Zamestitel' predsedatelya oblastnogo ispolnitel'nogo komiteta Stalingradskoy oblasti (for Shirokov).

(Volgograd Province—Grain)

CHERNORUTSKIY, G.S.; FATEYEV, A.V., prof., doktor tekhn. nauk,
retsenzent; PECHERINA, I.N., kand. tekhn. nauk, retsenzent;
DUGINA, N.A., tekhn. red.

[Electromechanical automatic control systems: Structure of
automatic control systems. Transfer characteristics of electro-
mechanical elements. Calculation of the control error]Elektro-
mekhanicheskie sistemy avtomaticheskogo regulirovaniia: Struktura
CAP. Peredatochnye svoistva elektromekhanicheskikh elementov.
Raschet oshibki regulirovaniia. Moskva, Mashgiz, 1962. 126 p.
(MIRA 16:3)

(Automatic control)

CHERNORUTSKIY, G.S., kand. tekhn. nauk; TSYGANKOV, V.A., inzh.; SIBRIN, A.P., inzh.; KUZNETSOV, I.M., inzh.; GAFIYATULLIN, R.Kh., inzh.

Automatic control system of regulating the speed of rotation of the working element of the SBMK-5 boring machine. Izv. vys. ucheb. zav.; gor. zhur. 6 no.10:27-32 '63. (MIRA 17:2)

1. Chelyabinskiy politekhnicheskii institut (for Chernorutskiy, Tsygankov, Sibrin). 2. RIOGR (for Kuznetsov). 3. Sverdlovskiy gornyy institut imeni Vakhrusheva (for Gafiyatullin).

L 1480-66 EWT(d)/EPF(n)-2/ENP(v)/ENP(k)/ENP(h)/EED-2/ENP(1) IJP(c) WW/BC
ACCESSION NR: AP5021862 UR/0280/65/000/004/0188/0191

AUTHOR: Chernorutskiy, G. S. (Chelyabinsk) ^{SS}

TITLE: Stability analysis of automatic systems with random parameters ³²
_B

SOURCE: AN SSSR. Izvestiya. Tekhnicheskaya kibernetika, no. 4, 1965, 188-191

TOPIC TAGS: ⁹⁵⁵automatic control stability, automatic frequency control, control
system design ₁₄

ABSTRACT: The stability analysis of automatic control systems with random parameters is performed using extensively the Mikhaylov criterion (A. V. Mikhaylov, Avtomatika i telemekhanika, 1938, 3). Under the chosen conditions the sampling of the numerical values of the parameters may be random even if the system according to its structure may remain stationary. The absolutely stable system must, firstly, remain stable for mathematically expected values of the parameters and, secondly, the module of the mathematical expectation of Mikhaylov's hodograph must be larger than the maximum deviation of Mikhaylov's function over the entire frequency spectrum. It is also shown that the dispersion analysis of the automatic control stability may be carried out by means of the newly proposed centered frequency function of the control system. Orig. art. has: 27 formulas and 3 figures.
Cord 1/2

L 1480-66

ACCESSION NR: AP5021862

ASSOCIATION: None

SUBMITTED: 18Jun64

ENCL: 00

SUB CODE: IE

NO REF SOV: 003

OTHER: 000

Card

2/2

CHERNORUTSKIY, G.S., kand. tekhn. nauk, dotsent; SIVRIN, A.P., inzh.

Effect of the elastic coupling between an electromechanical transducer and motor on the dynamics of an automated electric drive. Elektrichestvo no.7:83-86 J1 '65. (MIRA 18:7)

1. Chelyabinskiy politekhnicheskii institut.

CHERNORUTSKIY, G.S.

Effect of friction on the dynamics of servosystems. Izv. vys.
ucheb. zav.; prib. 8 no.3:42-48 '65. (MIRA 18:11)

1. Chelyabinskiy politekhnicheskiy institut. Rekomendovana
kafedroy avtomaticheskogo regulirovaniya.

CHERNORUTSKIY, G.S. (Chelyabinsk)

Analysis of the stability of automatic control systems with
random parameters. Izv. AN SSSR. Tekh. kib. no.4:188-191
Jl-Ag '65. (MIRA 18:11)

SOBKO, V.A., gornyy inzh.; PEPELEV, G.I., gornyy inzh.; DOROSHENKO, V.M.,
gornyy inzh.; CHERNORUTSKIY, Ye.T., gornyy inzh.; NOVIKOV, K.P.,
kand. tekhn. nauk

Improved variation of the combined system of mining thick seams
of self-igniting ores. Gor. zhur. no.2:13-17 F'62.

(MIRA 17:2)

BEREZNYAK, M.M., kand. tekhn. nauk; VASIL'YEV, Ye.I., kand. tekhn. nauk;
KALININ, A.V., gornyy inzh.; CHERNORUTSKIY, Ye.F., gornyy inzh.;
KOZINTSEV, I.P.

Using combined truck and railroad haulage in open pit mines
of the southern Kuznetsk Basin. Ugol' 40 no.4:46-48 Ap '65.
(MIRA 18:5)

1. Kemerovskiy gornyy institut (for Berezhnyak, Vasil'yev,
Kalinin). 2. Sibgiproshakht (for Chernorutskiy).
3. Tomusinskiy kar'yer No.3-4 (for Kozintsev).

CHERNOS, V.I.; GHENDON, Yu.Z.

Reactivation between variola, vaccinia and ectromelia viruses.
Acta virol. 7 no.3:282-283 My '63.

I. The Scientific Research Institute of Viral Preparations, Moscow,
U.S.S.R.

(VACCINIA VIRUS) (ECTROMELLA VIRUS) (SMALLPOX VIRUS)

CHERNOS, V.I.; GENDON, Yu.Z.

Study of the reactivation of DNA- and RNA- containing viruses.
Vop. virus. 8 no.3:268-275 My-Je'63. (MIRA 16:10)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh
preparatov.
(VIRUS RESEARCH) (NUCLEIC ACIDS)

GHENDON, Yu.Z.; CHEKAS, V.I.

Comparative study of genetic markers of some pox virus strains.
Acta virol. (Praha) [Eng.] 8 no.4:359-368 J1 '64.

1. The Moscow Scientific Research Institute of Viral Preparations,
Moscow, U.S.S.R.

GENDON, Yu.Z.; CHERNOS, V.I.

Nature of plaques as a genetic character of pox viruses.

Vop. virus no.6:676-679 N-D '63.

(MIRA 17:6)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.

CHERNOS, V.I.; GENDON, Yu.Z.

Mechanism of the reactivation phenomenon of viruses of the pox group.
Vop. virus. 9 no.2:148-154 Mar-Apr '64. (MIRA 17412)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.

GENDON, Yu.Z.; CHERNOS, V.I.; GENKINA, F.B.

Characteristics of genetically homogenous clones of the smallpox vaccine virus. Vop. virus. 9 no.3:291-295 My-Je '64.

(MIRA 18:1)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.

SEMENOV, B.F.; STEPANOV, G.M.; ROZINA, E.E.; GENDON, Yu.Z.; CHERNOS, V.I.;
KHESIN, Ya.Ye.

Spontaneous viruses in white mice similar to tick-borne encephalitis
viruses. Vop. virus. 9 no.2:169-173 Mr-Apr '64.

(MIRA 17:12)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.

GENDON, Yu.Z.; CHERNOS, V.J.

Induction of mutations in RNA- and DNA- containing viruses under the effect of formaldehyde on native virus and viral nucleic acid. Genetika no. 6:37-46 D '65 (MIRA 19:1)

1. Nauchno-issledovatel'skiy institut virusnykh preparatov, Moskva.

CHERNORYZH, B.

BURMISTROV, N., inzhener; CHERNORYZH, B., inzhener.

One pipe steam-heating system. Mor.flot 17 no.6-25 Ja '57. (RMA 10:7)

1. Taganrogskiy Sudostroitel'no-sudoremontnyy zavod.
(Ships--Heating and ventilation)

CHERNOS V

MARENNIKOVA, S. S., GENDON, Yu. Z., MAL'TSEVA, N. N., GENKINA, F. B., and CHERNOS, V

"The Composition of Genetically Heterogeneous Smallpox Vaccines and Methods of Purifying Them."

report submitted for the Expert Committee on Smallpox of the World Health Organization, Geneva, 14-20 Jan 1964.

Inst. for Research on Viral Preparations, Moscow

29377

S/196/61/000/008/010/026

E194/E155

01.7356

AUTHORS: Volynskiy, M.S., and Chernoshchekov, L.I.

TITLE: An investigation of the evaporation of drops of liquids in a flow of air

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no.8, 1961, 2, abstract 8G26, (Sb. 3-e Vses. soveshchaniye po teorii goreniya (Third All-Union Conference on the Theory of Combustion), Vol.2, M., 1960, 9-18)

TEXT: The article describes experimental equipment in which the diameters of initial drops and of those which are partially evaporated by traversing a certain path in hot air are determined photographically. The tests were made with drops of alcohol and gasoline with initial diameters between 120 and 340 microns at speeds of 30 to 60 m/sec and with an air temperature of 600-750 °C. The maximum error in determination of the drop diameter from its distorted image is not greater than 10 microns. A procedure is given for calculating the evaporativity which is based on a formula obtained from simultaneous solution of the equations of heat and
Card 1/2

X

29377

An investigation of the evaporation ... S/196/61/000/008/010/026
E194/E155

mass exchange of the drops and the equation of motion of the drops, allowing for deformation in flight. The value of the resistance coefficient of moving drops was taken from the experimental data. The test results are presented graphically. The mean scatter of experimental points relative to the theoretical curve is $\pm 10 - 12\%$.

2 literature references.

[Abstractor's note: Complete translation.]

X

Card 2/2

CHERNOSHEY, N. (Stalinabad)

Find new sources of economy. Grazhd. av. 13 no. 4:15 Ap '56.
(Aeronautics, Commercial--Freight) (MLRA 9:7)

CHERNOSHEY, N. (g.Stalinabad)

How we organized special ground training. Grazh.av.13 no.5:16
My '56. (MLRA 9:9)

1.Nachal'nik shtaba Stalinabadskogo podrazdeleniya.
(Aeronautics--Study and teaching)

CHERNOSHEY, N

84-58-2-17/46

AUTHOR: Makhmutov, Kh., and Chernoshey, N. (Stalinabad)
TITLE: Radio Operator Aleksandr Ivanov (Bortradist Aleksandr Ivanov)
PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 2, p 10 (USSR)
ABSTRACT: The article describes a medal award, "For Excellence in Work", to A. Ivanov, who has completed one million flight kilometers. The work methods of Ivanov are described to some extent, to serve as an example for others.
AVAILABLE: Library of Congress
1. Ivanov, Aleksandr 2. Aviation awards - USSR

Card 1/1

SOV/84-58-3-34/52

AUTHOR: Chernoshey, N., and Kryazhkov, P.

TITLE: Substantial and Interesting (Soderzhatel'no, interesno)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 3, p 30 (USSR)

ABSTRACT: The authors give a review of recreational activities of Stalinabad airport personnel.

1. Airports--USSR 2. Sports--USSR

Card 1/1

SOV/85-58-5-18/57

AUTHOR: N. Chernoshey, Chief of Staff of a unit (Stalinabad)
TITLE: Work Discipline (Distsiplina truda)
PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 5, pp 18-19 (USSR)
ABSTRACT: The author urges a closer watch, especially by Party organs, of the activities of technical and flying personnel in operational units. The article shows in a number of concrete examples the dependence of flight safety, traffic regularity, and work efficiency in an operational unit on the level of discipline.

1. Aviation personnel--Training

Card 1/1

S/006/60/000/05/21/024
B007/B123

AUTHORS: Levashev, S. P., Chernoshtan, F. K., Loktev, B. N.
TITLE: Freezer for Sprinkling Bromium Gelatine Photoplates¹⁰
PERIODICAL: Geodeziya i kartografiya, 1960, No. 5, pp. 69-71

TEXT: In all aerogeodetic centers of the GUGK (Main Administration of Geodesy and Cartography) bromium gelatine photoplates are sprinkled upon the tables introduced by V. I. Kazanovich. In this paper the drawbacks of this method are pointed out. In the photogrammetric workshop of the NAGP these drawbacks were eliminated by constructing a sprinkling desk (Fig. 1) with a freezer of the type BR-RKF-0.9³⁰ (Fig. 2) of a freezing capacity of 900 kcal/hour. This construction was developed and put into operation by the three authors. The apparatus is described here in short. According to a suggestion made by the senior photo-laboratory assistant P. Ye. Shulyak two ventilators of the type NV-4 were set up below the vaporizer. The apparatus was installed in March 1959, and has been operating without any troubles. There are 2 figures.

Card 1/1

LOKTEV, B.N.; KOPANTSEVA, N.A.; CHERNOSHTAN, F.K.

Preparation of photographic maps with white contours. Geod.i
kart. no.6:60-61 Je '62. (MIRA 15:8)
(Outline maps)

CHERNOSHTAN, F.K.

Organizing the photographic work in the preparation of maps for
publication by photoengraving. Geod. i kart. no.10:47-52 0 '64.
(MIRA 18:1)

ROZHKOV, V.M.; TSYPER, V.A.; KRIVONOS, G.A.; CHERNOSHTAN, V.K.; SAPRYKIN, A.A.

Mastering the production of drill pipes with inner tips made of the
B95 alloy. TSvet. met. 36 no.9:79-84 S '63. (MIRA 16:10)

CHERNOSHTANOV, A.A.

T-3

USSR/General Problems of Pathology - Cytotoxins.

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12584

Author : Mamontov, Yu.P., Chernoshtanov, A.A.

Inst : Not given

Title : The Effect of Immunization with the Antigen from Cells of the Reticule-Endothelial System on Certain Blood Indices of Rabbits.

Orig Pub : Sb. stud. naych. rabot Alma-Atinsk. zoovet. in-ta, 1956, vyp. 2, 58-62.

Abstract : After determining the Hb content, and WBC and RBC counts, the rabbits received 2,6 and 8 ml of a 2% suspension of cells from the R.E. system. With an interval of 5 days between injections; a total of 5 injections were given. It is not indicated to what species the antigen belonged. Three and 24 hours after each injection a blood study was

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ZVONKOV, V.; CHERNOSKUTOV, K., inzh.

Important national economy problem. NTO 2 no.8:36 Ag '60.
(MIRA 13:10)

1. Chlen-korrespondent AN SSSR.
(Water resources development)

S/030/60/000/010/015/018
B021/B058

AUTHOR: Chernoskutov, K. A.

TITLE: Research Development in the Field of Hydraulic Engineering and Hydraulics

PERIODICAL: Vestnik Akademii nauk SSSR, 1960, No. 10, pp. 112 - 113

TEXT: A Scientific Conference on New Measuring Methods and Appliances for Hydraulic Studies was held by the Sovet po problemam vodnogo khozyaystva Akademii nauk SSSR (Council for Problems of Water Economy of the Academy of Sciences USSR) and the Institut gidrologii i gidrotekhniki Akademii nauk Ukrainskoy SSR (Institute of Hydrology and Hydraulic Engineering of the Academy of Sciences Ukrainskaya SSR) in Kiyev from June 20 to 23, 1960. Delegates from academic institutes, collaborators of governmental scientific research-, design-, construction- and educational institutes attended. V. V. Zvonkov, Corresponding Member AS USSR, Chairman of the Council, opened the Conference. New methods of hydraulic studies using

Card 1/3

Research Development in the Field of
Hydraulic Engineering and Hydraulics

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B021/B058

electronics, photo- and film recordings, stereophotogrammetry, radioactive isotopes and luminophors were investigated in the sections. The following lectures were delivered: L. A. Oborin, on measuring the velocity of water streams; M. M. Didkovskiy and G. A. Gachechiladze, on the ever increasing utilization of ball transmitters with tensor-metric transformers, making it possible to measure the longitudinal and cross vectors of the momentary velocity. The Institut okeanologii Akademii nauk SSSR (Institute of Oceanology of the Academy of Sciences USSR) elaborated valuable appliances for measuring dynamic characteristics of a pulsating current. V. M. Seleznev described a semiautomatic evaluation of oscillograms by means of a computer; B. M. Yegidis characterized equipment for the automatic evaluation of measuring results of momentary velocities and pressures. G. V. Zheleznyakov reported on stereo-photogrammetric methods for measuring ground reliefs with horizontal cross sections of from 1 to 5 mm; N. A. Silin reported on experiments for determining the velocity of the sand movement by means of luminophors of the type $\Phi K-106$ (FK-106) instead of anthrazene. The Conference pointed out the necessity of raising the theoretical

Card 2/3

Research Development in the
Field of Hydraulic Engineering
and Hydraulics

S/030/60/000/010/015/018
B021/B058

level of studies for the development of new methods and appliances for hydraulic investigations. The latest achievements of physics and electronics must be utilized most extensively. The training of personnel must be improved. It was recommended to introduce a number of methods and appliances. Measures for eliminating shortcomings in the field of measuring methods and appliances for hydraulic studies were outlined. It was decided to entrust a specially established commission with the coordination of research.



Card 3/3

ZVONKOV, V.V., otv. red.; ZHELEZNYAKOV, G.V., doktor tekhn. nauk, red.;
YUFIN, A.P., doktor tekhn. nauk, red.; CHERNOSKUTOV, K.A., red.;
DOBYSHV, Yu.G., red. izd-va; DOROKHINA, I.N., tekhn. red.

[New methods for measurements and instruments for hydraulic surveys]
Novye metody izmerenii i pribory dlia gidravlicheskikh issledovani. Moskva, 1961. 287 p.
(MIRA 14:11)

1. Akademiya nauk SSSR. Sovet po problemam vodnogo khozyaystva.
2. Moskovskiy institut inzhnerov vodnogo khozyaystva im V.R.Vil'yamsa (for Zheleznyakov).
(Hydrodynamics) (Measuring instruments)

CHERNOSKUTOV, K.A.

Conference on hydromechanization. Izv. AN SSSR. Otd. tekhn.
nauk. Met. i topl. no.1:192 Ja-F '62. (MIRA 15:2)
(Hydraulic mining--Congresses)

DZHVARSHYSHVILI, A.G., red.; CHERNOSKUTOV, K.A., red.; CHICHUA,
B.K., re

[Checking and measuring instruments and means of automatic control used in hydraulic mechanization; a collection of materials of the....] Kontrol'no-izmeritel'nye pribory i sredstva avtomatizatsii v gidromekhanizatsii; sbornik materialov.... Tbilisi, Metsniereba, 1964. 149 p.
(MIRA 18:4)

1. Nauchnoye soveshchaniye "Kontrol'no-izmeritel'nyye pribory i sredstva avtomatizatsii v gidromekhanizatsii." Tiflis, 1961.

YUFIN, Andrey Pavlovich. Prinimali uchastiye: CHERNOSKUTOV, K.A.inzh.;
ZHIVOTOVSKIY, L.S., dots., kand. tekhn. nauk; VOLNIN, B.A.,
dots., kand. tekhn. nauk; DOLGACHEV, F.M., dots., kand.
tekhn. nauk; FILIMONOVA, I.V., kand. tekhn. nauk; MAL'TSEV,
M.V., kand. tekhn.nauk; TARASOV, V.K., kand. tekhn. nauk;
KHOLIN, N.D., prof., retsenzent; OGORODNIKOV, S.P., dots.,
kand. tekhn. nauk, retsenzent

[Hydromechanization] Gidromekhanizatsiya. Moskva, Stroizdat,
1965. 496 p. (MIRA 18:8)

DEMB, S.P.; CHERNOSKUTOV, L.Ye.; YURKOV, V.V.; KUDRYASHOV, A.A.

Experimental boring of inclined holes with the BPM-115 machine
in fissured rock. Nauch. trudy Perm NTUI no.6:161-164 '64.
(MIRA 18:2)

ROSTOVSHCHIKOV, F.G., inzh.; CHERNOSKUTOV, V.I., inzh.

Hot water cooling of open-hearth furnaces. Stal' 22 no.3:285
Mr '62. (MIRA 15:3)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.
(Open-hearth furnaces--Cooling)

1. BADAMSHIN, B. I., CHERNOSKUTOV, Ya.
2. USSR (600)
4. Komsomolets Bay
7. Present state of the Mervyy Kultuk Bay and Kaydak Bay. Izv. Vses. geog. ob-va 79, No. 2, 1947.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

AUTHOR: Chernosvitov, K.D.

3-58-3-21/32

TITLE: Do not Let the Curriculum Limit the Physical Training of Students (Ne ogranichivat' fizicheskoye vospitaniye studentov ramkami uchebnogo plana)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, Nr 3, pp 73 - 76 (USSR)

ABSTRACT: Since 1956 the system of physical training has been changed at many vuzes. An effort is now being made to assure that each student receives the proper kind of such training. At the beginning of the present school year, the freshmen of the Leningradskiy tekhnologicheskoy institut kholodil'noy promyshlennosti (Leningrad Technological Institute of the Refrigerating Industry) had to undergo physical control tests which showed that only certain students comply with the classified norms. The instructor should detect the "weak spots" in the student's athletic abilities and recommend that he increase his training in that direction so as to attain the level of the others. The author gives his views on the organization of physical training, which are based partially on experience gained by the Chair of Physical Training of the Leningrad Technological Institute of Refrigerating Industry.

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3-58-3-21/32

Do not Let the Curriculum Limit the Physical Training of Students

ASSOCIATION: Leningradskiy tekhnologicheskij institut kholodil'noy promyshlennosti (Leningrad Technological Institute of the Refrigerating Industry)

AVAILABLE: Library of Congress

Card: 2/2

CHERNOSVITOV, S., inzh.-mekhanik, izobretatel'

Vacuum filling. Izobr.1 rats. no.4:22-24 Ap '60. (MIRA 13:6)
(Vacuum pumps)

L 40952-66 EWT(m)/EWP(k)/EWP(t)/ETI IJP(c) JH/JD/HW

ACC NR: AT6024915

(A)

SOURCE CODE: UR/2981/66/000/004/0065/0069

AUTHOR: Mikhaylov, K. N.; Ovodenko, M. B.; Archakova, Z. N.; Chernoskutov, Ye. F.; Shvets, V. A.

ORG: none

47
341

TITLE: Manufacturing procedure and mechanical properties of VAD23-alloy sheets

SOURCE: Alyuminiyevyye splayy, no.4, 1966. Zharoprochnyye i vysokoprochnyye splayy (Heat resistant and high-strength alloys), 65-69

TOPIC TAGS: aluminum alloy, copper containing alloy, lithium containing alloy, cadmium containing alloy, manganese containing alloy, titanium containing alloy, metal cladding, metal property/VAD23 aluminum alloy

ABSTRACT: A manufacturing procedure for rolling aluminum-clad VAD23-alloy sheets has been developed. It is proposed that hot rolling be done in two stages. First, the pack, a slab, and a cladding plate are welded together by rolling at 270—340C. The prerolled packs are reheated to 450—500C and rolled into a strip in a continuous mill. Nonclad sheets can be rolled in one stage at 450—500C. It was found that the plasticity in hot rolling of the alloy is greatly affected by the copper and lithium content. Susceptibility to cracking significantly increases when the copper content is above 5.3% and the lithium content is above 1.2%. With this method, sheets 0.5—5.0 mm thick were successfully rolled. Their tensile strength

Card 1/2

L 40952-66

ACC NR: AT6024915

at room temperature was 55—60 kg/mm² and elongation was 2—7%. Orig. art.
has: 5 figures.

[TD]

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 5056

Card 2/2 hs

19

ca

Abrasive materials. M. I. Koffman and Yu. I. Chernovitsky. *Trans. Inst. Econ. Mineral.* (U. S. S. R.)

10-year Vol. 1933, 19-72; cf. K. C. A. 27, 4048.—Deposits of corundum, emery and garnet in the U. S. S. R., methods of refining and testing, and their substitution for imported abrasives are discussed. Chas. Blanc

ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION

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1st and 2nd copies																									
3rd and 4th copies																									
PROCEDURES AND PROPERTIES INDEX																									
105 Garnet. Yu. L. Chernovilov. Narodnii Komissariat Tyazheloi Prom. S. S. R., Tsentral. Nauch.-Issledovatel. Sektor, Leningrad, Abrasives No. 1, 106-60 (1935).—A detailed description is given of garnet deposits found in U. S. S. R., their properties and use as abrasives. At V. Kordolov																									
ASB-55A METALLURGICAL LITERATURE CLASSIFICATION																									
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Chernovikov, Yu. L. PULVERULENT QUARTZ. <i>Novosti Tekhniki</i>, 6, 92-94 (1967).—The discovery of huge deposits of pulverulent quartz (marshallite) in Taktubaisk (in the neighborhood of Tobolabinsk) as well as in the Magnitogorsk region is reported. The powder consists chiefly of fine grains of quartz 0.01 to 0.3 mm. in size. The SiO_2 content varies between 87.27 and 92.08%. The chief impurity is mica, although grains of rutile, chalcedony, carbonate, and sometimes Fe oxide are also present. The powdered quartz is very satisfactory for use in the cast-steel industry, for the manufacture of Dinas brick, as a filler in the rubber and phonograph-record industries, and as an abrasive.																																																																																																							

		PROCESS AND PROPERTIES INDEX																										FIBRE AND OTHER QUALITIES																											
CA	23	Utilizing local mineral fillers in paper plants. Yu. L. Chernomyslov. <i>Bumashnaya Prom.</i> 1939, No. 6, 62-6; <i>Khim. Referat. Zhur.</i> 1940, No. 1, 125.—C. proposes to use talcum, chalk and gypsum instead of kaolin. Talcum is retained in paper better than kaolin but it cannot be used for the production of high-grade paper because of the darker color of the paper. Gypsum produces a whiter paper, but it is retained in the paper to a smaller degree than are other fillers. W. R. Henn																																																					

A. T. S.

Geology

Present status and prospects for development of sources
for heavy metals in the Urals. V. K. Sennikov and Yu.
I. Chernomyrtov. *Gornyi Zhur.*, 1940, No. 12, pp.
28-32; *Khim. Referat. Zhur.*, 4 (1940) (1941). M.Ho.

107 APP. (IND CODES)		108 AND 109 CODES	
ADDRESS AND PROPERTY INDEX			
CA		19	
Bentonite as mica substitute. V. V. Arshinov and Yu. L. Chernovskiy. <i>Proc. Soviet. Mineral</i> 1941, No. 2, 51-6; <i>Chem. Zentr.</i> 1942, II, 1835.—Previous investigations are reviewed. Bentonite is a colloid composed mainly of montmorillonite, $MgO \cdot Al_2O_3 \cdot 5SiO_2 \cdot nH_2O$, with a varying between 4 and 7 depending on the humidity of the air. The possibility of substituting Russian bentonites for mica in the elec. industry is discussed. Two species of the "Wyoming-type" are of considerable industrial importance. One is near Oglaulin in Turkmenistan close to the Ashabad railroad. It is of high quality but of limited quantity. The other is near Askaniy in Georgia and will yield large quantities. Smaller quantities can be found in Azerbaidzhan, Uzbekistan, along the middle Volga and in the Ukraine. J. M. Noy			
ASB-51A. METALLURGICAL LITERATURE CLASSIFICATION			
FROM SYMBOL		FROM NUMBER	
SYMBOLS		SYMBOLS	
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CHERNOSVITOV, Yu. L. and BERLING, N. I.

"Requirements of Industry as to the Quality of Mineral Raw Materials,"
a handbook for geologists. Moscow, Gds. izd-vo geologicheskoy lit-ry Komiteta po
delam geologii pri SNK SSSR, No.33, Garnet, 1947

CHERNOSVITOV, YU. L.

Avshinov, V.V. and Chernosvitov, Yu. L., "Foreign experiment on the application of new aspects of mineral raw material in ceramic articles," in symposium: Syr'yevyye resursy tonkokeram. prom-sti SSSR i puti ikh ispol'zovaniya, Moscow-Leningrad, 1948, p. 232-41

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

• CHERNOSVITOV, Yu.L.

[How to find clay deposits] Kak iskat' mestorozhdeniia glin.
Moskva, Gos. izd-vo geol.lit-ry, 1952. 39 p.

(MLRA 7:2)

(Clay)

CHERNOSVITOV, Yu.L., glavnyy redaktor; SOLOV'YEV, D.V., redaktor; SOBOLEV,
N.D., redaktor; SPIRINA, N.I., redaktor; POPOV, N.D., tekhnicheskii
redaktor

[Assaying minerals] Issledovanie mineral'nogo syr'ia. Moskva, Gos.
nauchno-tekhn. izd-vo lit-ry po geologii i okhrane neдр, 1955. 195 p.
[Microfilm] (MLRA 8:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya.
(Mineralogy, Determinative)

CHERNOSVITOV, Yu.L.

POYARKOV, V.E.; BRITAYEV, M.D., redaktor; GERASIMOVKIY, V.I., redaktor;
YERSHOV, A.D., redaktor; KONSTANTINOV, M.M., redaktor; NIFONTOV,
R.V., redaktor; SAAKYAN, P.S., redaktor; SMIRNOV, V.I., redaktor;
SOLOV'YEV, D.V., redaktor; CHERNOSVITOV, Yu.L.; NIFONTOV, R.V.,
redaktor; KOSOV, B.M., redaktor; KRASNOVA, N.E., redaktor;
GUROVA, O.A., tekhnicheskiiy redaktor.

Mercury and antimony. Otsenka mestorozhdenii pri poiskakh i ravedkakh
no. 15:3-207 '55. (MLRA 9:3)

(Mercury) (Antimony)

RAMZES, B.Ya.; ZUBAREV, N.N.; CHERNOSVITOV, Yu.L., nauchnyy red.; YERSHOV, A.D., glavnyy red.; SHMANENKOV, I.V., zam.glavnogo red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; KREYTER, V.M., red.; MOKROUSOV, V.A. red.; SOLOV'YEV, D.V., red.; KHRUSHCHOV, N.A., red.; IZRAILEVA, G.A., red.izd-va; BYKOVA, V.V., tekhn.red.

[Industrial specifications for the quality of raw minerals; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane neдр. No.2. [Quartz sand] Pesok kvartsevyi. Nauchn.red.IU.L.Chernosvitov. 1955. 55 p. (MIRA 13:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Sand)

Chernosvitov, Yu. L.

LAVROVICH, Nikolay Stepanovich; BRITAYEV, M.D., redaktor; GERASIMOVSKIY, V.I., redaktor; YERSHOV, A.D., redaktor; KONSTANTINOV, M.M.; NIFONTOV, R.V., glavnyy redaktor; SAAKYAN, P.S., redaktor; SMIRNOV, V.I., redaktor; SOLOV'YEV, D.V., redaktor; ~~CHERNOSVITOV~~, Yu.L., redaktor; SOSNIKOVA, M.S., redaktor vypuska; SERGEYEVA, N.A., redaktor izdatel'stva; AVERKIYEVA, T.A., tekhnicheskij redaktor.

[Fluorspar; (fluorite).] Flavikovyi shpat (fliuorit). Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane neдр, 1956. 133 p. (Otsenka mestorozhdenii pri poiskakh i razvedkakh, no.16).
(Fluorite) (MIRA 10:9)

CHERNOSVITOV, Yu.L.

Nikolai Mikhailovich Fedorovskii, obituary. Izv.AN SSSR.Ser.geol.
22 no.3:91-93 Mr '57. (MLRA 10:5)
(Fedorovskii, Nikolai Mikhailovich, 1886-1956)

CHERNOSVITOV, Yu. L.

ROZHKOVA, Ye.V., red.; SOBOL'EV, N.D., red.; SOLOV'YEV, D.V., red.; SULOYEV,
A.I., red.; ~~CHERNOSVITOV, Yu. L., red.~~; VLASOVA, S.M., red. izd-va;
KRYNOCHKINA, K.V., tekhn. red.

[Methods of studying mineral ores] Metody issledovaniia mineral'nogo
syr'ia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
nedr, 1957. 138 p. (MIRA 11:4)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
mineral'nogo syr'ya.
(Mineralogy)

AUTHOR: Chernosvitov, Yu.L. 132-58-3-13/15

TITLE: American Classification of Reserves of Mineral Resources
(Amerikanskaya klassifikatsiya ~~zapasy~~ poleznykh iskopayemykh)

PERIODICAL: Razvedka i Okhrana Nedr, 1958, Nr 3, pp 59-61 (USSR)

ABSTRACT: The author discusses the article by F.Blandel and S.Lasky
(F. Blendel i S. Laski) "Deposits of Valuable Natural and
Mineral Resources (Zapasy poleznykh iskopayemykh i mineral'
nyye resursy) published in Nr 7 of the "Economic Geology"
for 1956. He finds that the Soviet method of classification
is more rational. In the Editor's note preceding the article,
it is stated that in America it is difficult to create a
general classification of the mineral resources because the
interests of individual owners are in contradiction with the
interests of the whole country.

ASSOCIATION: VIMS

AVAILABLE: Library of Congress

Card 1/1 1. Minerals-Classification

AUTHOR: ~~Chernosavitsov, Yu. L.~~

SOV/89-5-1-20/28

TITLE: Uranium-Containing Pegmatites in the Area of Bancroft
(Uranonosnyye pegmatity v rayone Bancroft)

PERIODICAL: Atomnaya energiya, 1958, Vol. 5, Nr 1, pp. 88-90 (USSR)

ABSTRACT: This is a review of 8 papers published in the periodicals:
Econ.Geol. 50, 4, 361 (1955); Canad. Department of Mines
Economic Geology Nr 11, 168 (1932); Canad. Mining J. 77, 6,
87 (1956); 78, 4, 88, 176 (1957); West Miner and Oil 30, 484
(1957); 30, 5, 38 (1957). There are 8 references.

1. Pegmatites--Canada 2. Uranium--Sources

Card 1/1

GINZBURG, A.I.; NECHAYEVA, Ye.A.; LAVRENKV, Yu.B.; POZHARITSEAYA, L.K.;
MALYSHEV, I.I.,red.; RODIONOV, G.G.,red.; FAGUTOV, F.P.,red.;
KHRUSHCHOV, N.A.,red.; CHERNOSVITOV, Yu.L.,red.; SHMANENKOV, I.V.,
red.; SHCHERBINA, V.V.,red.; EYGELES, M.A.,red.; OVCHINNIKOVA, S.V.,
red.; AVERKIYEVA, T.A.,tekhn.red.

[Rare metal carbonatites] Redkometal'nye karbonatity. Moskva,
Gos.nauchno-tekhn.isd-vo lit-ry po geol. i okhr.nedr, 1958.
126 p. (Geologiya mestorozhdenii redkikh elementov, no.1)
(MIRA 12:2)

(Carbonates (Geology))

AUTHOR: Chernosvitov, Yu.L. SOV/132-58-12-11/14

TITLE: On the Classification of Metal-Bearing Regions and Deposits (O klassifikatsii metallonosnykh provintsiy i mestorozhdeniy)

PERIODICAL: Razvedka i okhrana nedr, 1958, Nr 12, pp 50-53 (USSR)

ABSTRACT: This is a summary of the article by the Canadian researcher C.J. Sullivan (published in "The Canadian Mining and Metallurgic Bulletin, Nr 546, Vol 50, 1957), on the classification of metal-bearing regions and deposits. There is 1 table.

ASSOCIATION: VIMS

Card 1/1

ZIV, Ye.F.; VAYSENBERG, A.I.; STEPANOV, I.S., nauchnyy red.; YERSHOV, A.D., glavnyy red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; KHRUSHCHOV, N.A., red.; CHERNOSVITOV, Yu.L., red.; SHMANENKOV, I.V., red.; NEKRASOVA, N.B., red.; ~~IZDOVA~~, ~~IVANOVA~~, A.G., tekhn.red.

[Industry's requirements as to the quality of mineral raw material; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr. No.49. [Niobium and tantalum] Niobii i tantal. izd.2., perer. 1959. 49 p. (MIRA 12:12)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya. (Niobium) (Tantalum)

MILOVANOV, G.N.; CHERNOSVITOV, Yu.L.; GINZBURG, A.I., nauchnyy red.;
YERSHOV, A.D., glavnyy red.; ZVEREV, L.V., red.; ZUBAREV, N.H., red.;
KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.;
KHRUSHCHOV, N.A., red.; SEMANENKOV, I.V., red.; IZRAILEVA, G.A.,
red.izd-va; IVANOVA, A.G., tekhn.red.

[Industry's requirements as to the quality of mineral raw material;
handbook for geologists] Trebovaniia promyshlennosti k kachestvu
mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po geol. i okhrane neдр. No.51. [Rare earth
elements] Redkozemel'nye elementy. Izd.2., perer. 1959. 58 p.
(MIRA 12:12)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'-
nogo syr'ya.

(Rare earths)

CHERNOSVITOV, Yu.L.; KONSTANTINOV, M.M., nauchnyy red.; YERSHOV, A.D., glavnyy red.; SHMANENKOV, I.V., zam.glavnogo red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; KHRUSHCHOV, N.A., red.; NEKRA-SOVA, N.B., red.izd-va; IVANOVA, A.G., tekhn.red.

[Industrial requirements for the quality of raw minerals; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane neдр. No.67. [Uranium] Uran. Nauchn. red.M.M.Konstantinov. Izd.2., perer. 1959. 65 p. (MIRA 13:1)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Uranium)

11(6), 21(1)

AUTHOR: Chernosvitov, Yu. L.

SOV/89-6-2-24/28

TITLE: Uraniferous Conglomerates in Japan (Uranonosnyye konglomeraty Yaponii)

PERIODICAL: Atomnaya energiya, 1959, Vol 6, Nr 2, pp 229 - 229 (USSR)

ABSTRACT: This paper deals with the English Geneva Reports Nr 1356 and 1359 (1958).

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BORZUNOV, V.M.; PETROV, V.P., nauchnyy red.; YERSHOV, A.D., glavnyy red.;
 CHERNOSVITOV, Yu.L., zam.glavnogo red.; SHMANENKOV, I.V., zam.
 glavnogo red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV,
 N.N., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV,
 D.V., red.; KHRUSHCHOV, N.A., red.; STOLYAROV, A.G., red.izd-va;
 IVANOVA, A.G., tekhn.red.

[Industry's requirements as to the quality of mineral raw materials;
 handbook for geologists] Trebovaniia promyshlennosti k kachestvu
 mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer.
 Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр.
 No.12. [Feldspars] Polevoshpatovoe syr'ie. Nauchn.red. V.P.Petrov.
 1960. 25 p. (MIRA 13:9)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mine-
 ral'nogo syr'ya.

(Feldspar)

STEPANOV, I.S.; CHERNOSVITOV, Yu.L., nauchnyy red.; YERSHOV, A.D., glavnyy red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV, N.N., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; KHRUSHCHOV, N.A., red.; SHMANENKOV, I.V., red.; STOLYAROV, A.G., red.; IVANOVA, A.G., tekhn.red.

[Industrial requirements as to the quality of mineral raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр. No.46. [Rubidium and cesium] Rubidii i tsezii. Nauchn.red. IU.L. Chernosvitov. 1960. 33 p. (MIRA 14:2)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.
(Rubidium) (Cesium)

VESELOVSKIY, V.S.; BERLING, N.I., nauchnyy red.; YERSHOV, A.D., glavnyy red.;
CHERNOSVITOV, Yu.L., zam.glavnogo red.; SHMANENKOV, I.V., zam. glavno-
 go red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV, N.N.,
 red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V.,
 red.; KHRUSHCHOV, N.A., red.; STOLYAROV, A.G., red.izd-va; IVANOVA,
 A.G., tekhn.red.

[Industry's requirements as to the quality of mineral raw materials;
 handbook for geologists] Trebovaniia promyshlennosti k kachestvu
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 Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр.
 No.3. [Graphite] Grafit. Nauchn.red. N.I.Berling. 1960. 44 p.
 (MIRA 13:9)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mine-
 ral'nogo syr'ya.
 (Graphite)

KHRUSHCHOV, N.A.; BUTKEVICH, T.V.; YERSHOV, A.D., glavnyy red.;
SHMANENKOV, I.V., zam.glavnogo red.; CHERNOSVITOV, Yu.L.,
nauchnyy red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.;
ZUBAREV, N.H., red.; KREYTER, V.M., red.; MOKROUSOV, V.A.,
red.; SOLOV'YEV, D.V.; STOLYAROV, A.G., red.; IVANOVA, A.G.,
tekhn.red.

[Industrial requirements for the quality of mineral raw materials;
handbook for geologists] Trebovaniia promyshlennosti k kachestvu
mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр.
No.27. [Molybdenum and rhenium] Molibden i renii. Nauchnyi red.
IU.L.Chernosvitov. 1960. 45 p. (MIRA 14:1)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mine-
ral'nogo syr'ia.
(Molybdenum ores) (Rhenium ores)

SHCHERBINA, V.V.; GINZBURG, A.I., red. vypuska; MALYSHEV, I.I., red.;
POLYAKOV, P.A., red.; RODIONOV, G.G., red.; STEPANOV, I.S., red.;
TROKHACHEV, P.A., red.; PAGUTOV, V.P., red.; KHRUSHCHOV, N.A.,
red.; CHERNOSVITOV, Yu.L., red.; SHMANENKOV, I.V., red.
EYGELES, M.A., red.; ROZHKOVA, L.G., red. izd-va; IYERUSALIMSKAYA,
Ye.S., tekhn. red.

[Geology of rare metal deposits] Geologiya mestorozhdenii
redkikh elementov. No. 8 [Geochemical characteristics of scandium
and types of its deposits.] Osobennosti geokhimii skandia i
tipy ego mestorozhdenii. Moskva, Gos.nauch.-tekhn.izd-vo lit-ry
po geol. i okhr. nedr, 1960, 56p. (Geologiya mestorozhdenii
redkikh elementov, no. 8). (MIRA 13:11)
(Scandium)

BUTKEVICH, T.V.; YERSHOV, A.D., glav. red.; CHERNOSVITOV, Yu.L.,
zamestitel' glav. red.; SHMANENKOV, I.V., zamestitel' glav.
red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV, N.N.,
red.; MOKROUSOV, V.A., red.; SOLOV'YEV, D.V., red.; TROYANOV,
A.T., red.; KHRUSHCHEV, N.A., red.; STEPANOV, I.S., nauchnyy
red.; ROZHKOVA, L.G., red. izd-va; IYERUSALIMSKAYA, Ye.S.,
tekhn. red.

[Industry's requirements as to the quality of mineral raw
materials; handbook for geologists] Trebovaniia promyshlen-
nosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geolo-
gov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit- ry
po geol. i okhrane nedr. No. 43. [Tungsten] Vol'fram. 1960. 61 p.
(MIRA 14:5)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mi-
neral'nogo syr'ya.

(Tungsten)

VASIL'YEV, P.V.; YERSHOV, A.D., glavnyy red.; ~~CHERNOSVITOV, Yu.I., zam.~~
glavnogo red.; SHMANENKOV, I.V., zam.glavnogo red.; KALMYKOV, G.S.,
nauchnyy red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; ZUBAREV,
N.N., red.; KREYTER, V.M., red.; MOKROUSOV, V.A., red.; SOLOV'YEV,
D.V., red.; KHRUSHCHOV, N.A., red.; FEDOROVA, L.N., red.izd-va;
IVANOVA, A.G., tekhn.red.

[Industry's requirements as to quality in mineral raw materials;
a handbook for geologists] Trebovaniia promyshlennosti k kachestvu
mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр.
No.66. [Coal] Ugol'. Nauchn.red.G.S.Kalmykov. 1960. 110 p.
(MIRA 14:6)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'-
nogo syr'ya.

(Coal)

GINZBURG, A.I.; GORZHEVSKAYA, S.A.; YEROFYEVA, Ye.A.; SIDORENKO, G.A.;
MALYSHEV, I.I., red.; POLYAKOV, M.V., red.; RODIONOV, G.G., red.;
STEPANOV, I.S., red.; TROKHACHEV, P.A., red.; FAGUTOV, V.P., red.;
KHRUSHCHOV, N.A., red.; CHERNOSVITOV, Yu.L., red.; SHMANENKOV, I.V.,
red.; SHCHERBINA, V.V., red.; EYGELES, M.A., red.; NEMANOVA, G.F.,
red.izd-va; BYKOVA, V.V., tekhn.red.

[Titanates, tantalates, and niobates] Titano-tantalo-niobaty.
Moskva. Gos. nauchno-tekhn.izd-vo lit-ry po geol.i okhrane nedr.
Part 1. 1960. 166 p. (Geologiya mestorozhdenii redkikh elementov,
no.10). (MIRA 14:6)

(Titanates)

(Tantalates)

(Niobates)

VAYNSHTEYN, E.S.; CHERNOSVITOV, Yu.L., nauchnyy red.; NEMANOVA, G.F.,
red. izd-va; BYKOVA, V.V., tekhn. red.

[Industry's requirements as to quality of mineral raw materials] Trebovaniya promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. No.48. [Natural colors (mineral pigments)] Prirodnoe krasochnoe syr'ie (Zemlianye pigmenty). Nauchn. red. IU.L. Chernosvitov. 1961. 30 p. (MIRA 14:11)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Pigments)

CHERNOSVITOV, Yu.L.; URAL'SKIY, B.P., nauchnyy red.; ASTAF'YEV, Ye.P.,
red. izd-va; IYERUSALIMSKAYA, Ye.S., tekhn. red.

[Industry's requirements as to the quality of mineral raw materials]
Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spra-
vochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po
geol. i okhrane nedr. No.1.[Talc and pyrophyllite] Tal'k i pirofillit.
Nauchn. red. B.P.Ural'skii. Izd.2., perer. 1961. 52 p. (MIRA 14:11)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya.

(Talc) (Pyrophyllite)

VINOGRADOV, S.S.; ZUBAREV, N.N., nauchnyy red.; YERSHOV, A.D., glav. red.;
CHERNOSVITOV, Yu.L., zam. glav. red.; SHMANENKOV, I.V., zam. glav.
red.; GINZBURG, A.I., red.; ZVEREV, L.V., red.; MOKROUSOV, V.A.,
red.; SOLOV'YEV, D.V., red.; TROYANOV, A.T., red.; KHRUSHCHOV, N.A.,
red.; LYUBCHENKO, Ye.K., red. izd-va; BYKOVA, V.V., tekhn.red.

[Industry's requirements as to the quality of mineral raw
materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo
syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gos.
nauchno-tekhn. izd-vo lit-ry po geologii i okhrane neдр, No.10 [Lime-
stones] Izvestniaki. Nauch. red. N.N.Zubarev. 1961. 61 p.

(MIRA 14:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'-
nogo syr'ya.

(Limestone)

VINOGRADOV, Sergey Sergeyevich; YERSHOV, A.D., glavnyy red.; KREYTER, V.M.,
zamestitel' glavnogo red.; GRIGOROVICH, M.B., red.vypuska;
KRASNIKOV, V.I., red.; MOMDZHI, G.S., red.; SAAKYAN, P.S., red.;
SMIRNOV, V.I., red.; KHRUSHCHOV, N.A., red.; CHERNOSVITOV, Yu.L.,
red.; NEMANOVA, G.F., red.izd-va; BORISOV, A.S., tekhn.red.

[Dolomites] Dolomity. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
po geologii i okhrane neдр, 1961. 173 p. (Otsenka mestorozhdenii
pri poiskakh i razvedkakh, no.17) (MIRA 14:11)
(Dolomite)

CHERNOSVITOV, Yu.L.; SOLOV'YEV, D.V., nauchnyy red.; KUZNETSOV, V.A.,
red. izd-va; SHMAKOVA, T.M., tekhn. red.

[Industry's requirements as to the quality of mineral raw
materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo
syr'ia; spravochnik dlia geologov. Moskva, Gosgeoltekhizdat.
No.33. [Garnet]Granat. 1962. 24 p. (MIRA 15:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mi-
neral'nogo syr'ya.

(Garnet)

BORZUNOV, V.M.; CHERNOSVITOV, Yu.L., nauchnyy red.; VLASOVA, L.V.,
red. izd-va; YERUSALIMSKAYA, Ye., tekhn. red.

[Industry's requirements as to the quality of mineral raw
materials] Trebovaniia promyshlennosti k kachestvu mineral'-
nogo syr'ia; spravochnik dlia geologov. Moskva, Gosgeol-
tekhizdat. No.6. [Chalk]Mel. 1962. 29 p.

(MIRA 15:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
mineral'nogo syr'ya.

(Chalk)

CHERNOSVITOV, Yuriy Leonidovich; LYUBCHENKO, Ye.K., red.izd-va;
SHMAKOVA, T.M., tekhn. red.

[How to search for clay deposits]Kak iskat' mestorozhdenia
glin. Izd.2. Moskva, Gosgeoltekhizdat, 1962. 34 p.
(MIRA 15:12)

(Clay) (Prospecting)

CHERNOSVITOV, Yu.L.; VESELOVSKIY, V.S., nauchnyy red.; NEMANOVA,
~~G.F.~~, red.-izd.-va; IYERUSALIMSKAYA, Ye., tekhn. red.

[Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gosgeol-tekhizdat. No.32. [Natural mineral fillers] Prirodnye mineral'nye napolniteli. Izd.2., perer. 1962. 122 p. (MIRA 15:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.

(Fillers (in paper, paint, etc.)

VASIL'YEV, Petr Vasil'yevich; YERSHOV, A.D., glavnyy red.; KREYTER, V.M.,
zam. glavnogo red.; KALMYKOV, G.S., red.; BRITAYEV, M.D., red.;
KRASNIKOV, V.I., red.; MALYSHEV, I.I., red.; MOMDZHI, G.S., red.;
SAAKYAN, P.S., red.; SMIRNOV, V.I., red.; SOLOV'YEV, D.V., red.;
CHERNOSVITOV, Yu.L., red.; KHRUSHCHOV, N.A., red.; PANOVA, A.I.,
red.izd-va; GUROVA, O.A., tekhn.red.

[Coal] Ugol'. Moskva, Gos.nauchn.-tekhn.izd-vo lit-ry po geol.
i okhrane neдр, 1960. 343 p. (Otsenka mestorozhdenii pri
poiskakh i razvedkakh, no. 5) (MIRA 14:2)
(Mine examination) (Coal)

SHEYNMANN, Yu.M.; APEL'TSIN, F.R.; NECHAYEVA, Ye.A.; GINZBURG, A.I., red.;
MALYSHEV, I.I., red.; POLYAKOV, M.V., red.; RODIONOV, G.G., red.;
STEPANOV, I.S., red.; TROKHACHEV, P.A., red.; FAGUTOV, V.P., red.;
KHRUSHCHOV, N.A., red.; CHERNOSVITOV, Yu.L., red.; SHMANENKOV, I.V.,
red.; SHCHERBINA, V.V., red.; EYGELES, M.A., red.; ROZHKOVA, L.G.,
red.izd-va; BYKOVA, V.V., tekhn.red.

[Alkaline intrusions, their distribution, and the mineralization
associated with them] Shchelochnye intruzii, ikh razmeshchenie i
svyazannaia s nimi mineralizatsiia. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po geol.i okhrane nedr, 1961. 176 p. (Geologia
mestorozhdenii redkikh elementov, no.12/13). (MIRA 15:8)
(Rocks, Igneous) (Ore deposits)

SHVEY, Igor' Vladimirovich; GINZBURG, A.I., glavnyy red.; POLYAKOV, M.V.,
zamestitel' glavnogo red.; APEL'TSIN, F.R., red.; GRIGOR'YEV, V.M.,
red.; RODIONOV, G.G., red.; STEPANOV, I.S., red.; TROKHACHEV, P.A.,
red.; FAGUTOV, V.P., red.; KHRUSHCHOV, N.A., red.; CHERNOSVITOV,
Yu.L., red.; SHMANENKOV, I.V., red.; SHCHERBINA, V.V., red.;
EYGELES, M.A., red.; ENTIN, M.L., red.izd-va; BYKOVA, V.V., tekhn.red.

[Basic geochemical problems of rare earth elements and yttrium in
endogenic processes] Osnovnye voprosy geokhimii redkozemel'nykh
elementov i ittrii v endogennykh protsessakh. Moskva, Gos. nauchn.-
tekhn. izd-vo lit-ry, po geologii i okhrane neдр, 1962. 105 p.
(Geologiya mestorozhdenii redkikh elementov, no.15). (MIRA 15:11)
(Rare earth metals) (Yttrium)

AL'TGAUZEN, M.N.; GINZBURG, I.I.; DUBOVSKAYA, M.V.; YERSHOV, A.D.;
MELKOV, V.G.; OS'KIN, N.I.; ROZHKOVA, Ye.V.; STRAKHOV, N.M.;
KHRUSHCHOV, N.A.; SHMANECHKOV, I.V.; SHCHERBAKOV, D.I.;
YANSHIN, A.L.; AMIRASLANOV, A.A.; GOTMAN, Ya.D.; ZUBREV, I.N.;
KOROVYAKOV, I.A.; ORLOVA, P.V.; PASOVA, F.G.; SAAKYAN, P.S.;
TERENT'YEVA, K.F.; SHANOBSKIY, L.M.; CHERNOSVITOV, Yu.L.;
SHCHERBINA, V.V.

Iurii Konstantinovich Goretskii; obituary. Sov.geol. 4 no.12:
153-155 D '61. (MIRA 15:2)
(Goretskii, Iurii Konstantinovich, 1912-1961)

CHERNOSVITOV, Yu.L.; TUKAL'SKAYA, E.M.; BLINOV, V.A., nauchn. red.;
~~SENDEL'VA~~, N.A., red.izd-va; BYKOVA, V.V., tekhn.red.

[Industry's requirements as to the quality of mineral raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd.2., perer. Moskva, Gosgeoltekhizdat. No.73. [Titanium] Titan. 1962. 74 p. (MIRA 16:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.
(Titanium)

CHERNOSVITOV, Yu. I.; MEL'NIKOV, I. I., nauchnyy red.; KROTOVA, I. Ye.,
red. izd-va; BYKOVA, V. V., tekhn. red.

[Industry's requirement as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd. 2., perer. Moskva, Gosgeoltekhizdat. no. 11 [Barite and witherite] Bari i viterit. 1963. 41 p. (MIRA 16:5)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ia.

(Barite) (Witherite)

VASIL'YEV, G.A.; DZENS-LITOVSKIY, A.I.; CHERNOSVITOV, Yu.L.,
nauchnyy red.; KRYZHANOVSKIY, V.A., red.izd-va; BYKOVA,
V.V., tekhn. red.

[Industry's requirements as to the quality of mineral raw
materials; handbook for geologists] Trebovaniia promyshlenn-
nosti k kachestvu mineral'nogo syr'ia; spravochnik dlia ge-
ologov. Izd.2., perer. Moskva, Gosgeoltekhizdat. No.76. [Bro-
mine and iodine] Brom i iod. 1963. 47 p. (MIRA 16:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mi-
neral'nogo syr'ya.

(Bromine) (Iodine)

ZABOLOTNAYA, N.P.; NOVIKOVA, M.I.; SHATSKAYA, V.T.; GINZBURG, A.I.,
glavnyy red.; POLYAKOV, M.V., zam. glavnogo red.; APEL'TSIN,
F.R., red.; GRIGOR'YEV, V.M., red.; RODIONOV, G.G., red.;
TROKHACHEV, P.A., red.; FAGUTOV, V.P., red.; KHRUSHCHOV, N.A.,
red.; CHERNOSVITOV, Yu.L., red.; SHMANENKOV, I.V., red.;
SHCHERBINA, V.V., red.; EYGELES, M.A., red.; KOLOSHINA, T.V.,
red. izd-va; BYKOVA, V.V., tekhn. red.

[Tungsten-molybdenum-tin-beryllium deposits and their formation].
Vol'fram-molibden-olovo-berillievye mestorozhdeniia i uslovia
ikh obrazovaniia. Moskva, Gosgeoltekhizdat, 1962. 94 p. (Geo-
logiia mestorozhdenii redkikh elementov, no.18).

(MIRA 16:4)

(Metals, Rare and minor)